

PTO/SB/01 (08-03)

Approved for use through 07/31/2008. OMB 0651-0032  
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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

93231-11

First Named Inventor

Yu CHEN

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SENSOR ARRAY INTEGRATED ELECTROCHEMICAL CHIP, METHOD OF FORMING  
SAME, AND ELECTRODE COATING**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(If applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed		Certified Copy Attached?	
			Yes	No	Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

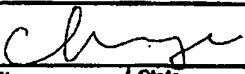

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 2)

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: <input type="text"/> OR <input checked="" type="checkbox"/> Correspondence address below			
Name Richard J. Polley			
Address Klarquist Sparkman, LLP, One World Trade Center, 121 S. W. Salmon Street, Suite 1800			
City Portland		State Oregon	ZIP 97204
Country USA	Telephone (503) 228-7391	Fax (503) 228-6448	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Yu		Family Name or Surname CHEN	
Inventor's Signature 		Date 16-Sep-2003	
Residence: City Singapore	State	Country Singapore	Citizenship P.R. China
Mailing Address Blk 144, Upper Bukit Timah Road, #16-01			
City Singapore	State	ZIP 588177	Country Singapore
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Jianshan		Family Name or Surname YE	
Inventor's Signature 		Date 16-Sep-2003	
Residence: City Singapore	State	Country Singapore	Citizenship P.R. China
Mailing Address Blk 304, Clementi Ave 4, #04-493			
City Singapore	State	ZIP 120304	Country Singapore
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SS/02A or 02LR attached hereto.			

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## DECLARATION — Utility or Design Patent Application

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Name Richard J. Polley			
Address Klarquist Spierman, LLP, One World Trade Center, 121 S. W. Salmon Street, Suite 1600			
City Portland	State Oregon	ZIP 97204	
Country USA	Telephone (503) 228-7391	Fax (503) 228-8446	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Yu		Family Name or Surname CHEN	
Inventor's Signature		Date	
Residence: City Singapore	State	Country Singapore	Citizenship P.R. China
Mailing Address Blk 144, Upper Bukit Timah Road, #16-01			
City Singapore	State	ZIP 588177	Country Singapore
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Inventor's Signature <i>Ye Jianshan</i>		Date Sept 16, 2003	
Residence: City Singapore	State	Country Singapore	Citizenship P.R. China
Mailing Address Blk 304, Clementi Ave 4, #04-493			
City Singapore	State	ZIP 120304	Country Singapore
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



PTO/SB/02A (10-00)

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3 of 3

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventorGiven Name  
Fwu-ShanFamily Name  
or Surname  
SHEUInventor's  
Signature

Fwu-Shan Sheu

(X)

Date

19 Sept 2003 (X)

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or Surname  
CUIInventor's  
Signature

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Date

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or Surname  
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City

State

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652290Country  
Singapore

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PTO/SB/02A (10-09)

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>3</u> of <u>3</u>
--------------------	--

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Fwu-Shan		Family Name or Surname SHEU	
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Mailing Address City Singapore			
State Singapore		ZIP 129784	Country Singapore
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Inventor's Signature 		Date 	
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State Henan		ZIP P.R. China	Country P.R. China
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Inventor's Signature 		Date 22/9	
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Mailing Address Blk 290A, Bukit Batok Street 24, #10-85			
Mailing Address City Singapore			
State Singapore		ZIP 652290	Country Singapore

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PTO CUSTOMER NO.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Group Art Unit: n/a
	)	
Yu CHEN et al.	)	Examiner: n/a
	)	
Serial No.: n/a	)	Attorney Docket:
	)	
Filed: (Herewith)	)	
	)	
For: SENSOR ARRAY	)	
INTEGRATED	)	
ELECTROCHEMICAL CHIP,	)	
METHOD OF FORMING	)	
SAME, AND ELECTRODE	)	
COATING	)	

Commissioner for Patents  
P.O. Box 1415  
Alexandria, VA 22313-1450  
U.S.A.

**POWER OF ATTORNEY FOR  
PATENT APPLICATION**

Agency for Science, Technology and Research at:

**Agency for Science, Technology and Research  
10 Science Park Road #01-01/03 The Alpha,  
Singapore Science Park II,  
Singapore 117684**

and

National University of Singapore at:

**National University of Singapore  
10 Kent Ridge Crescent,  
Singapore, Singapore  
119260**

In Re Application of:

Yu CHEN et al.

For SENSOR ARRAY INTEGRATED ELECTROCHEMICAL CHIP, METHOD OF FORMING SAME, AND ELECTRODE COATING

Page 2

the owner by assignment of the entire right, title and interest to the invention for **SENSOR ARRAY INTEGRATED ELECTROCHEMICAL CHIP, METHOD OF FORMING SAME, AND ELECTRODE COATING**, by Yu CHEN, JianshanYE, Fwu-Shan SHEU, Hui Fang CUI and Ser Choong CHONG and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment (check as applicable):

- ☒ Recorded Concurrently Herewith  
☐ Recorded on  
☐ Recorded at Reel          Frame  
☐ Copy Attached

hereby appoints the following attorneys and/or agents with full power of substitution, association and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

DEBORAH B. BLYVEIS (Reg. No. 47,337)  
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In Re Application of:

Yu CHEN et al.

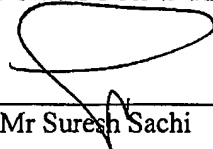
For SENSOR ARRAY INTEGRATED ELECTROCHEMICAL CHIP, METHOD OF FORMING SAME, AND ELECTRODE COATING

Page 3

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

AGENCY FOR SCIENCE,  
TECHNOLOGY AND RESEARCH

23/9/03  
Date

  
Name: Mr Suresh Sachi

Title: Director, Legal

NATIONAL UNIVERSITY OF SINGAPORE

17 September 2003  
Date

  
Name:

**TAY Kim Huat**  
**Deputy Director**  
Title: **Industry & Technology Relations Office**  
**National University of Singapore**

(93231-11 JJP:snj)